Special Issue

Precision Additive Manufacturing Processes

Message from the Guest Editors

Its unrivalled ability to produce complex 3D parts with considerable reductions in lead-time and material wastage makes additive manufacturing (AM, or 3D printing) a key enabling technology for numerous industrial applications. Especially, AM has the potential to revolutionize manufacturing with new processes, materials and applications. Nevertheless, the precision of AM parts is still an open burning issue that needs addressing, whether metallic, polymer or polymer-based composite components are additively manufactured. The three aspects of a precision process are (1) robust fabrication, (2) predictable performance and (3) measurable quality. Although AM techniques have recently seen increased adoption by various industrial sectors, the precision of the additively manufactured parts remains the main barrier to the full implementation of AM processes and to gaining an increased market acceptance and penetration. This Special Issue aims to collect a broad spectrum of cutting-edge and original research and review studies attempting to improve the precision of additive manufacturing processes and related subjects.

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Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (*JMMP*)(ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP.*

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